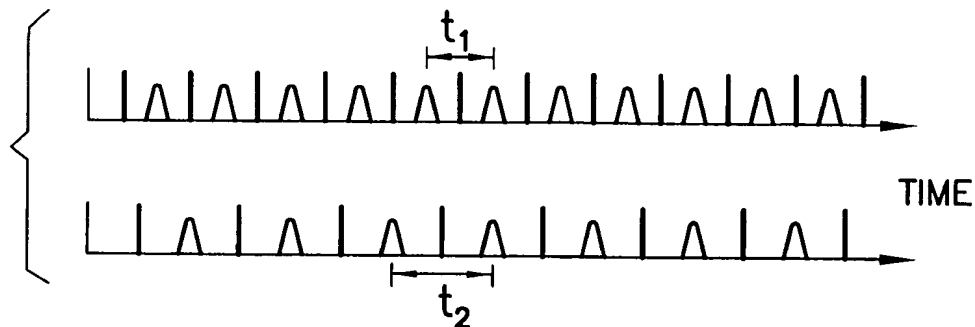
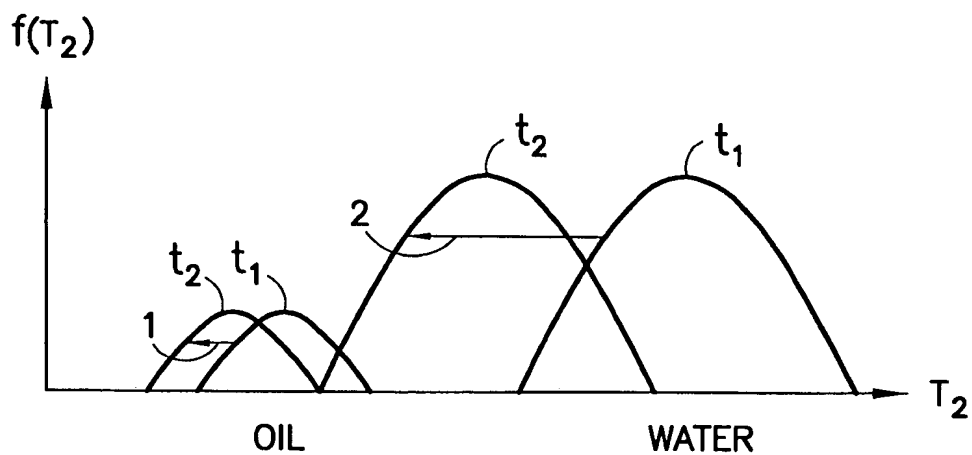




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**FIG. 1A**  
PRIOR ART



**FIG. 1B**  
PRIOR ART

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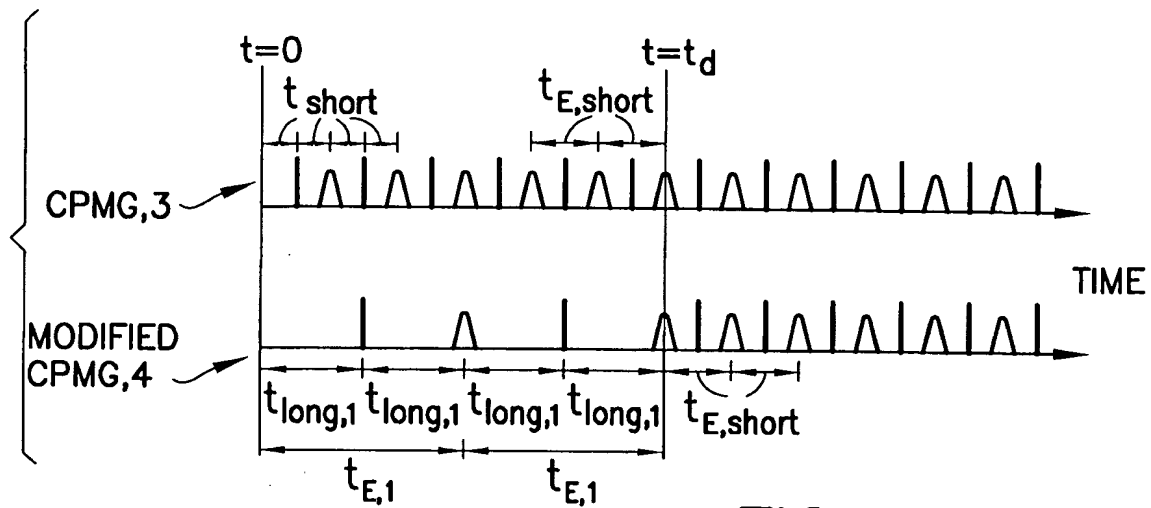


FIG.2A

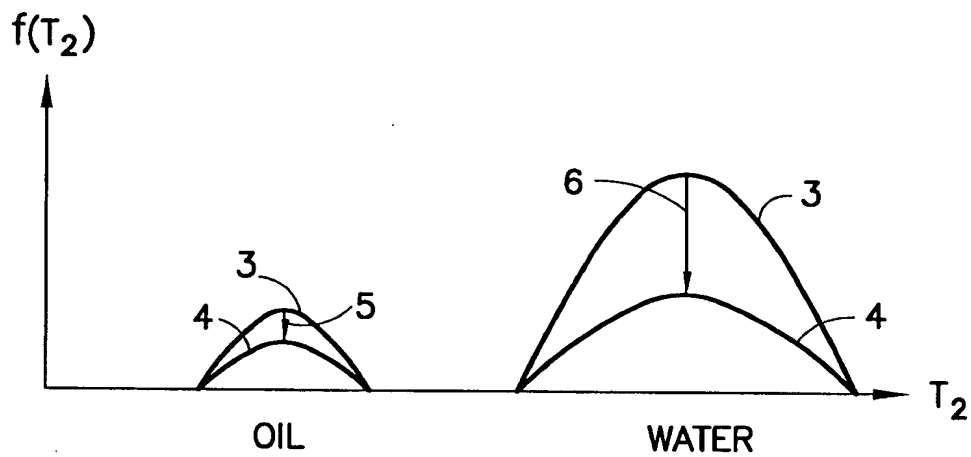


FIG.2B

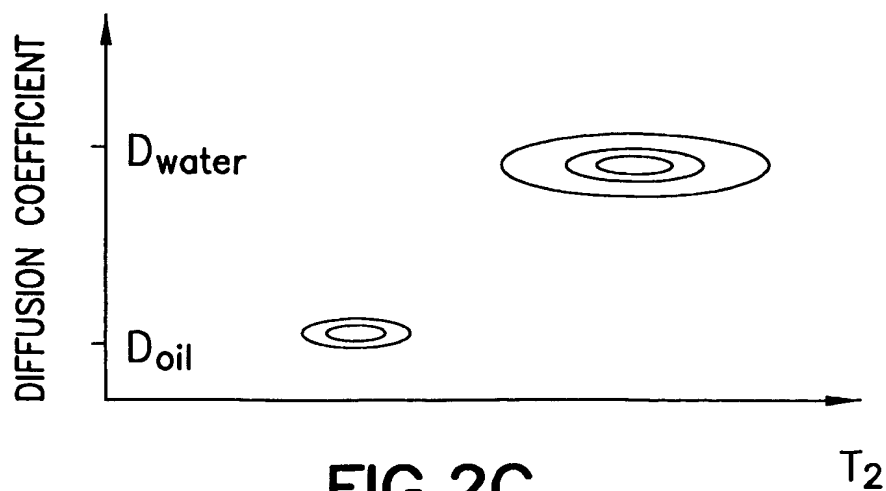
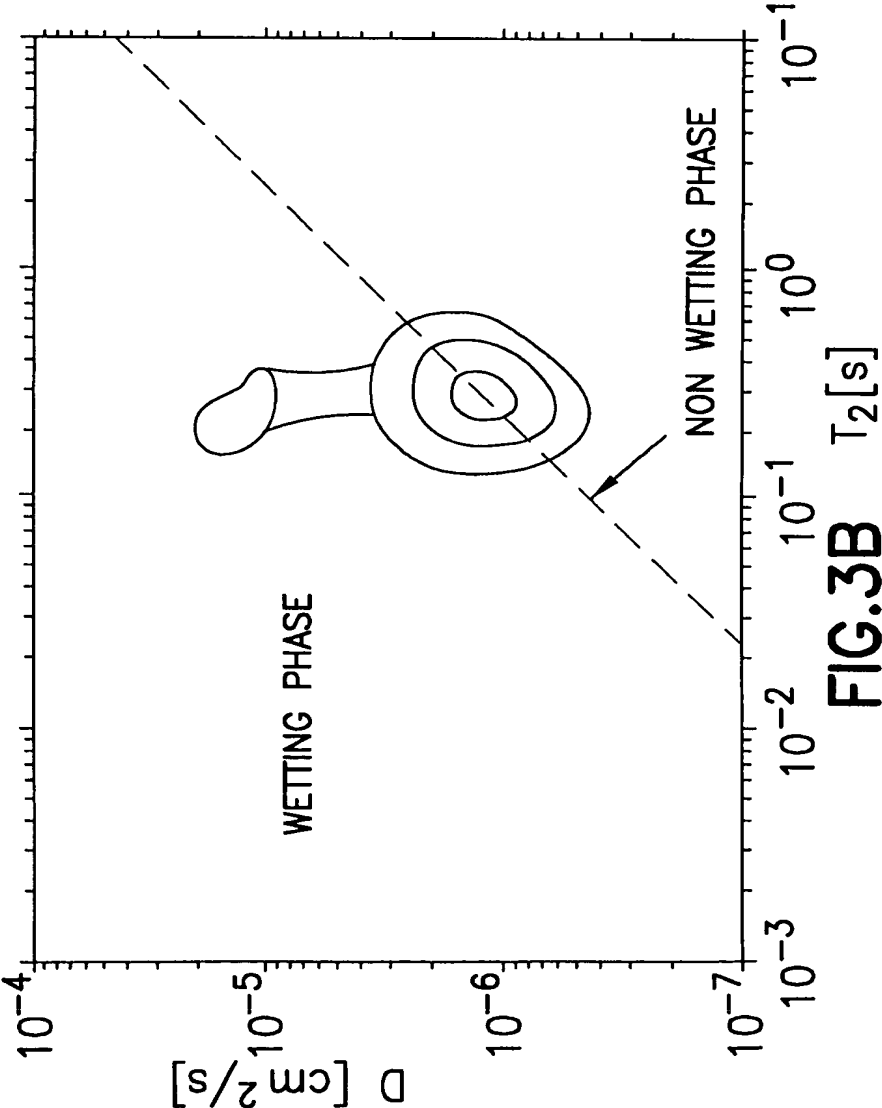
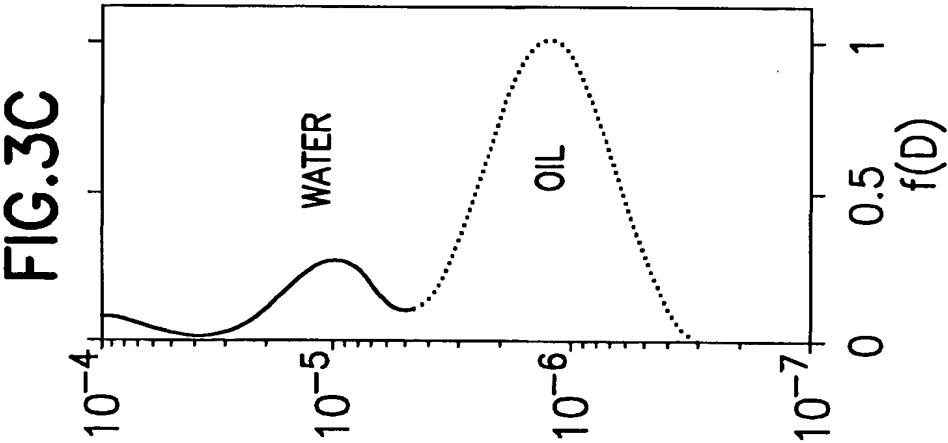
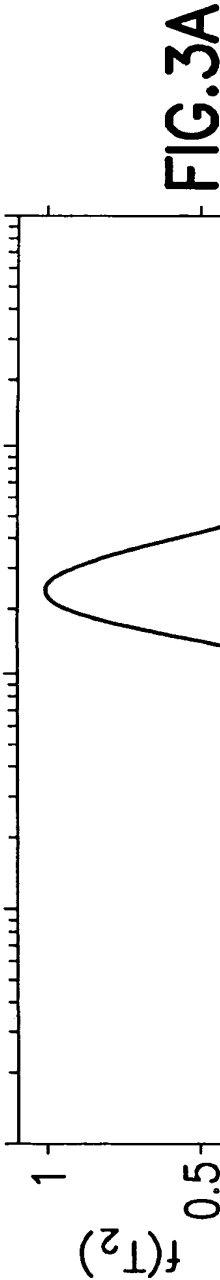


FIG.2C



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WATER SATURATED

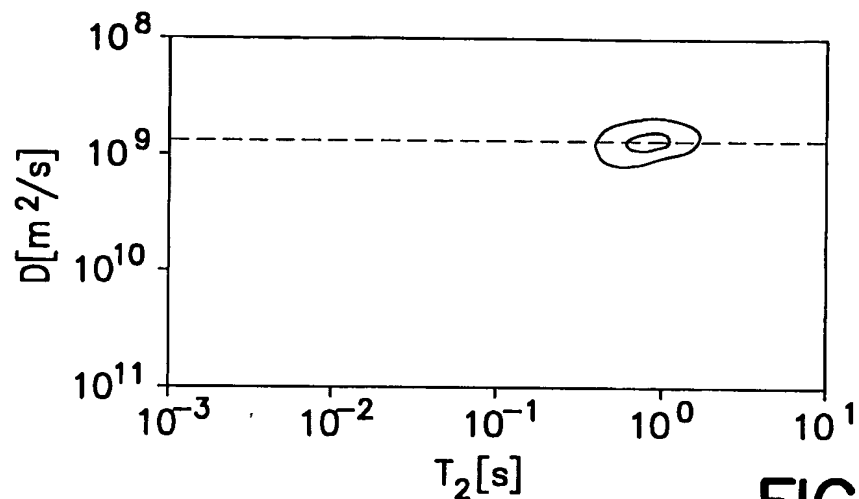


FIG.4A

DRAINAGE

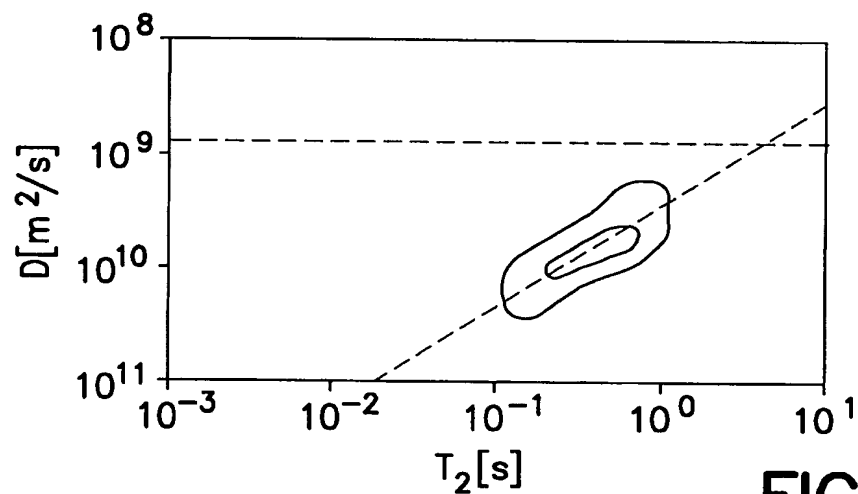


FIG.4B

IMBIBITION

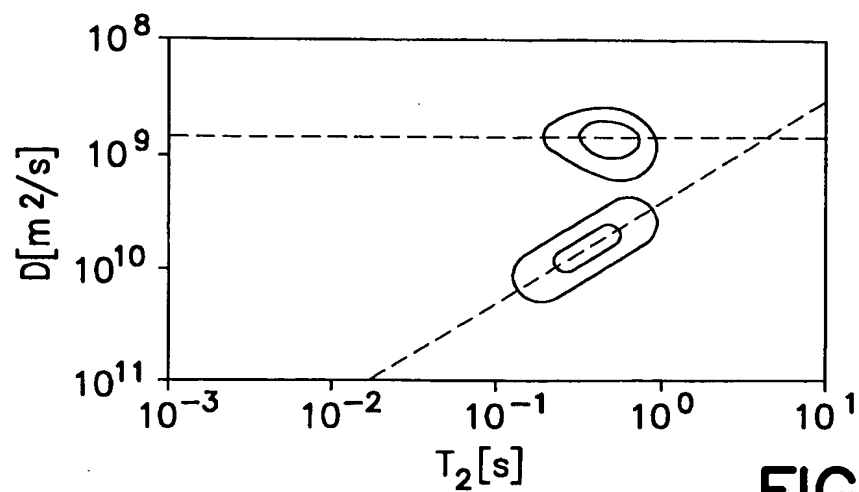
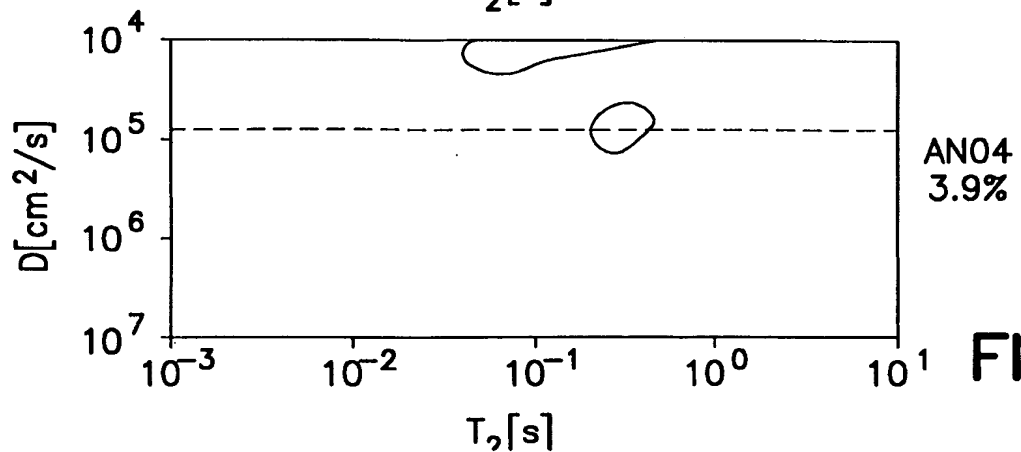
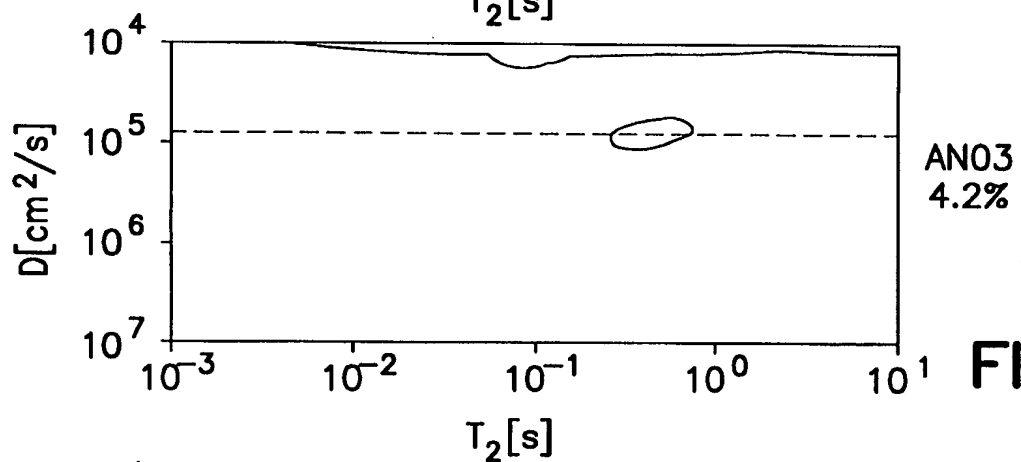
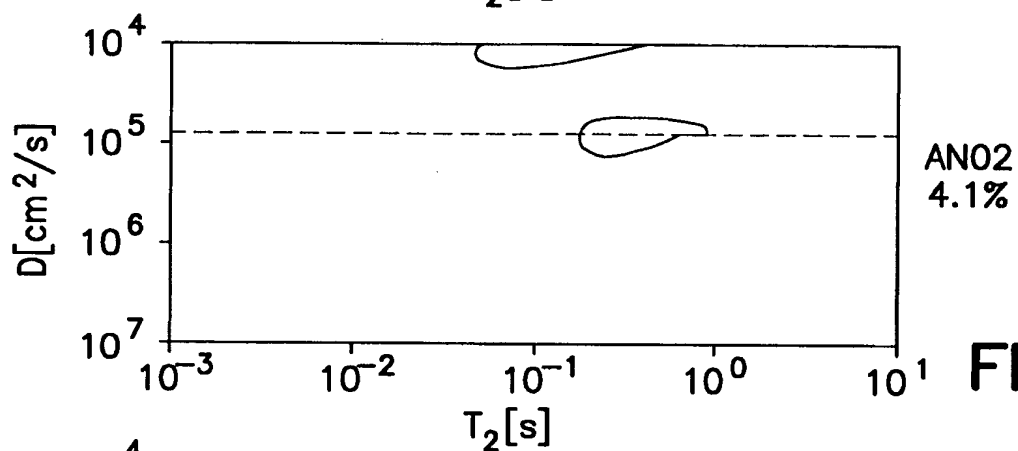
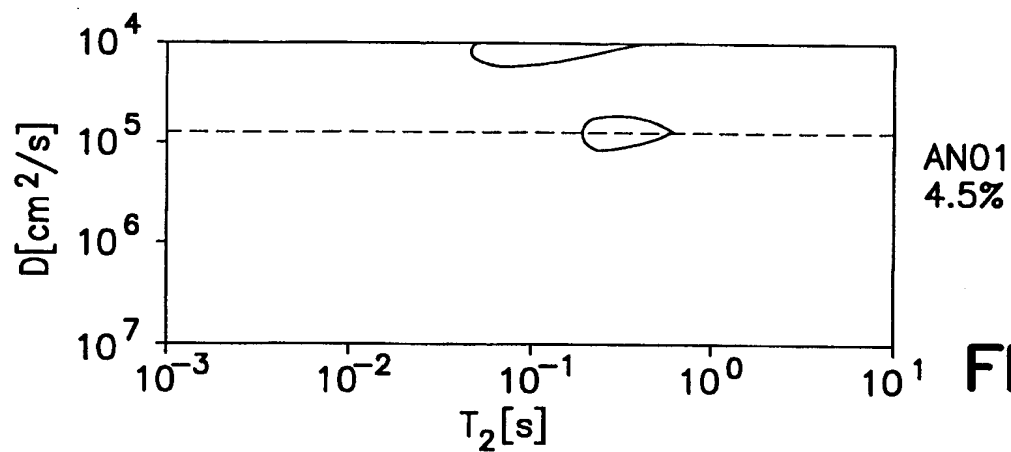
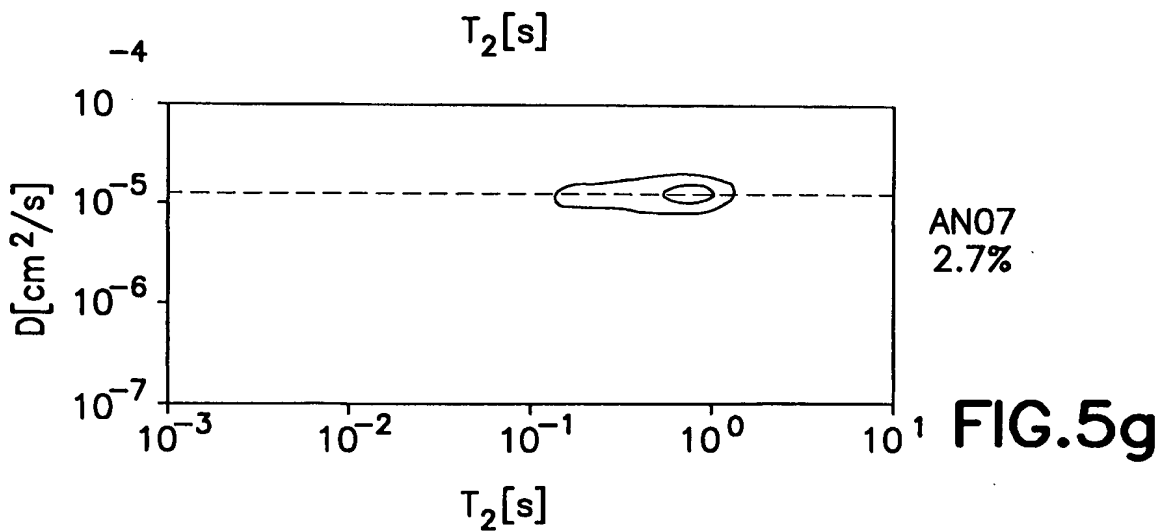
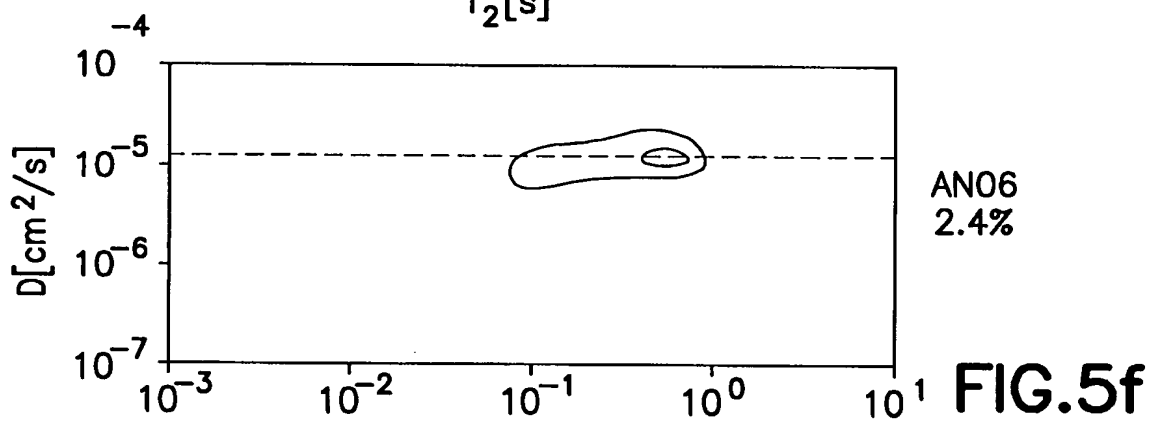
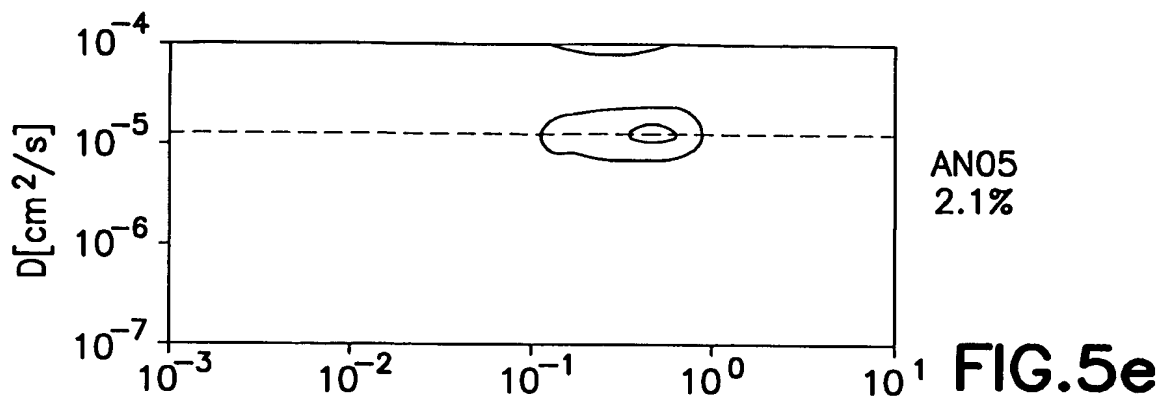


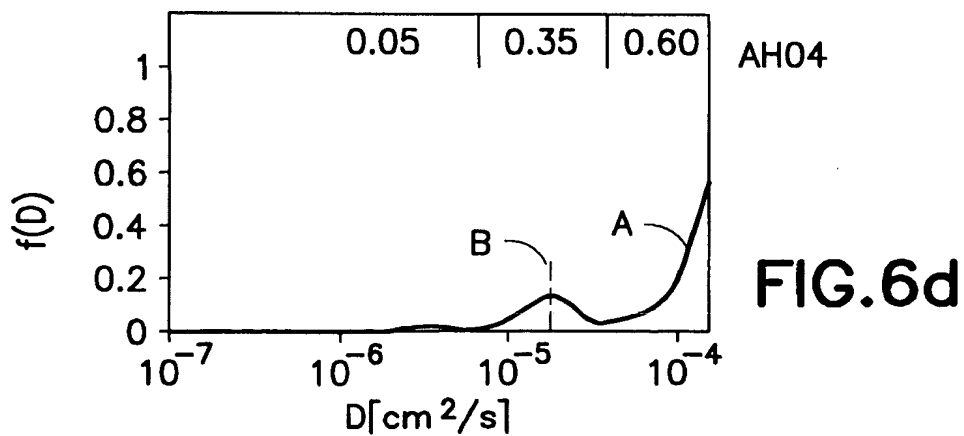
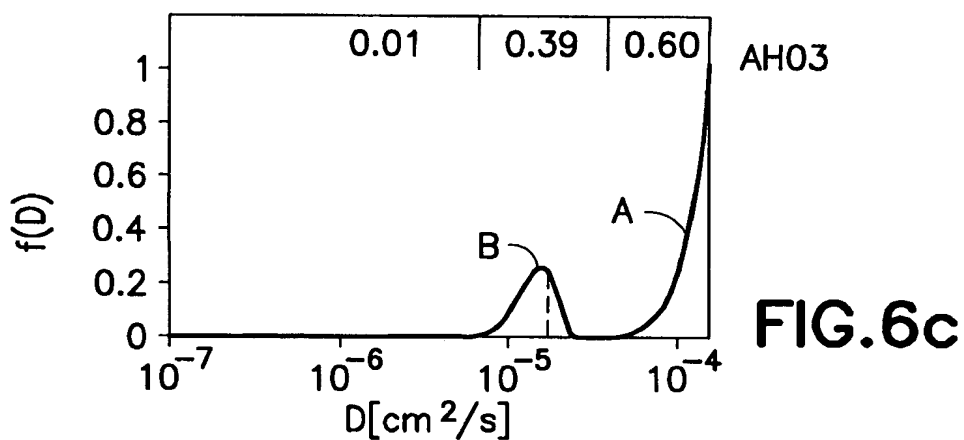
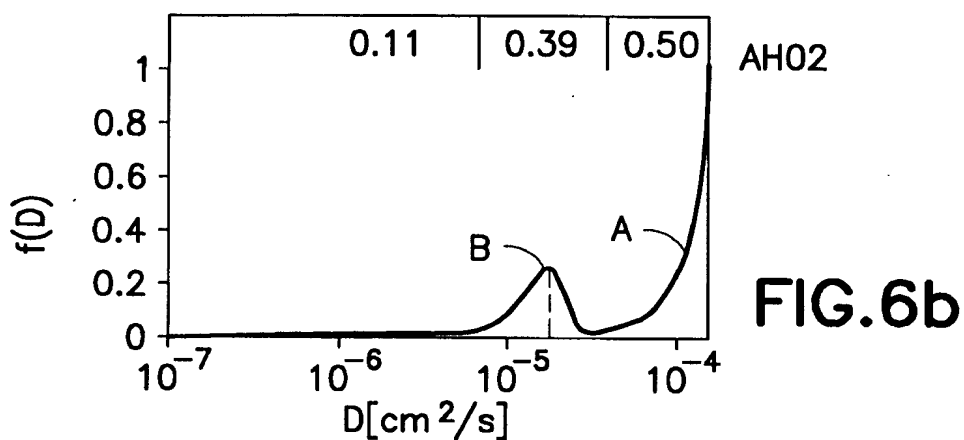
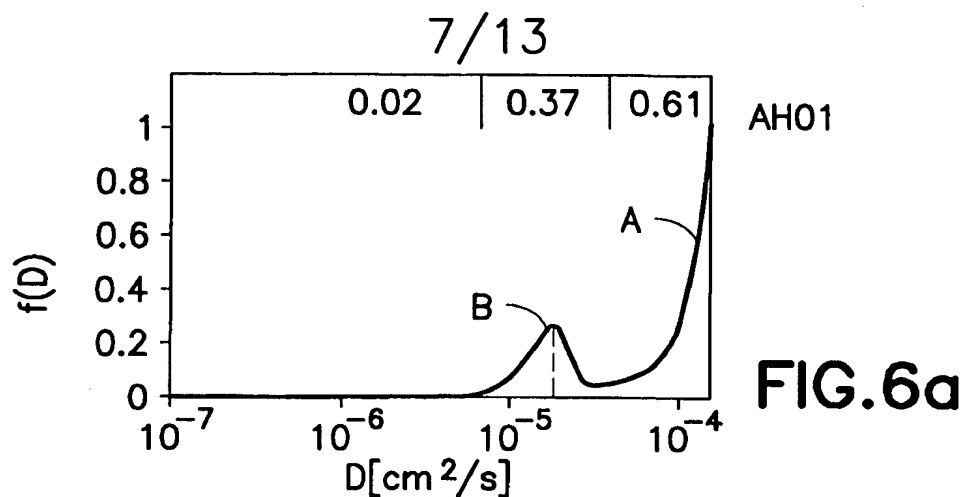
FIG.4C

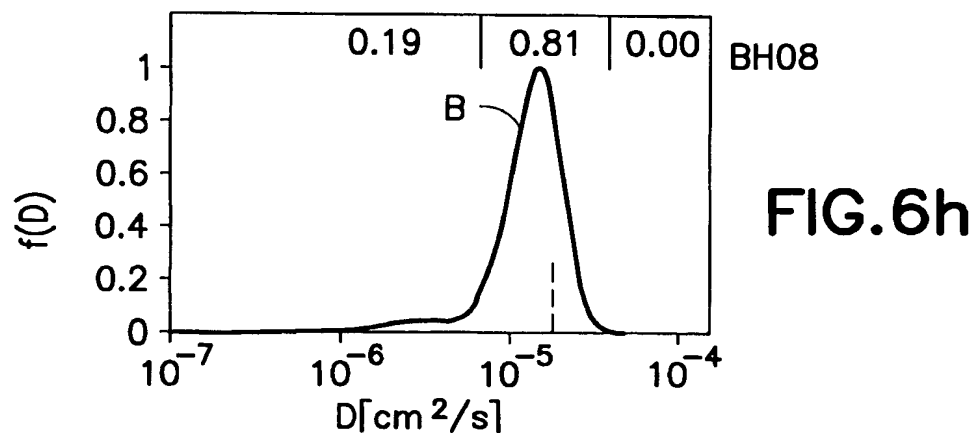
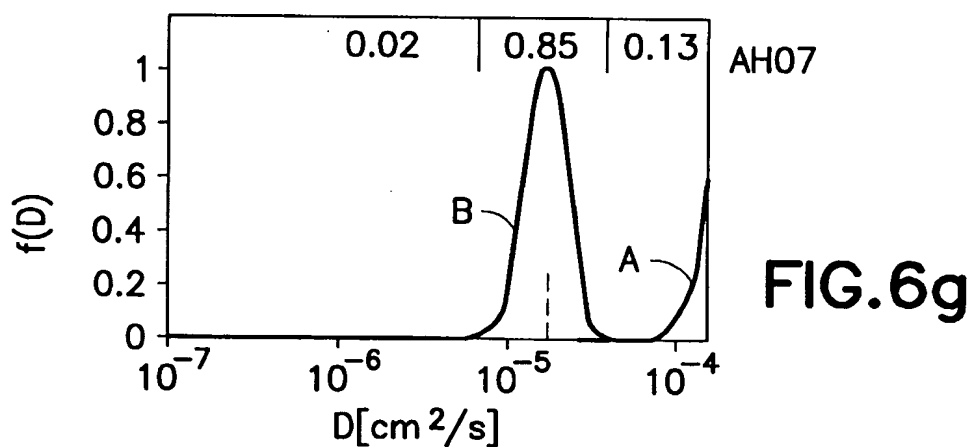
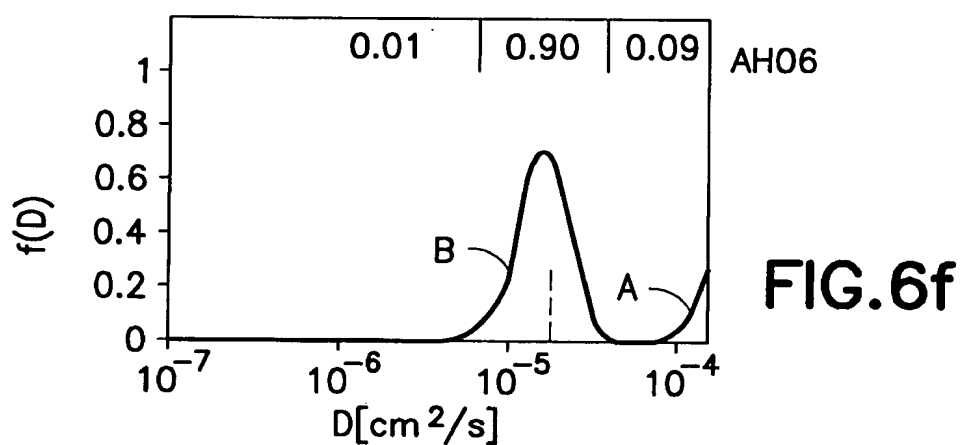
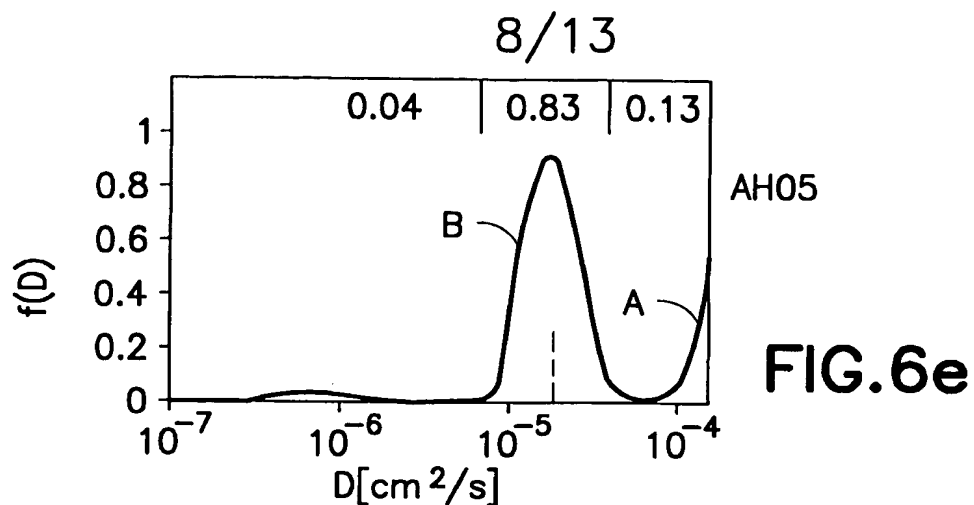
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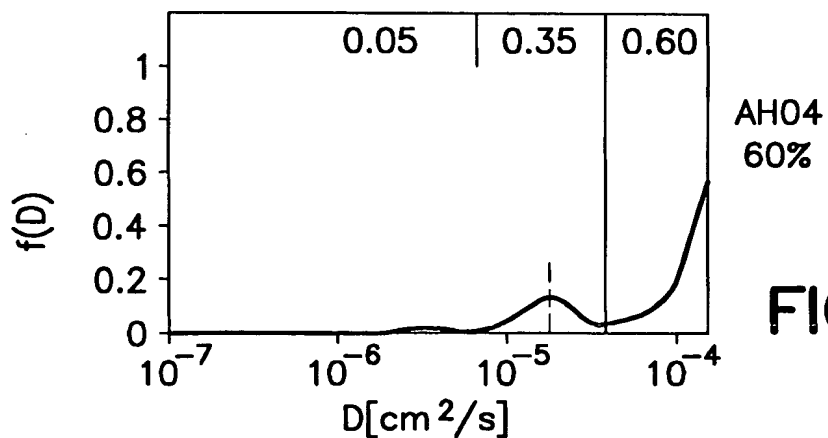
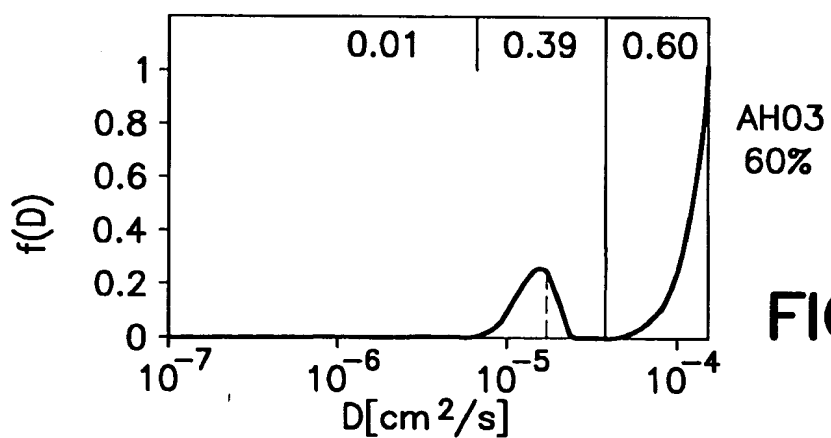
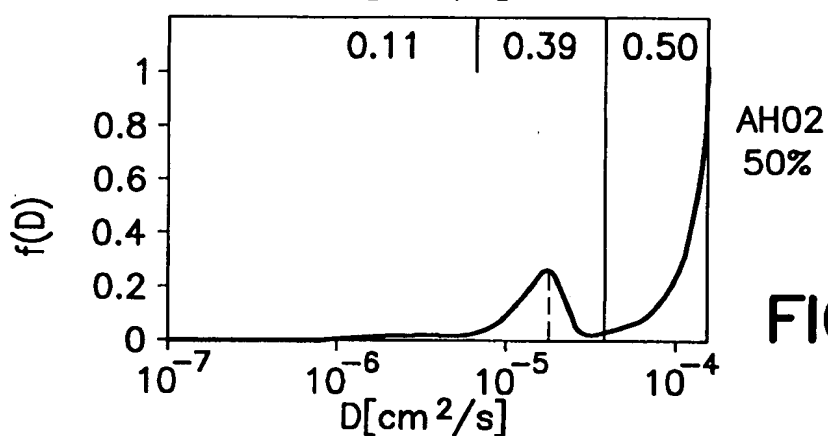
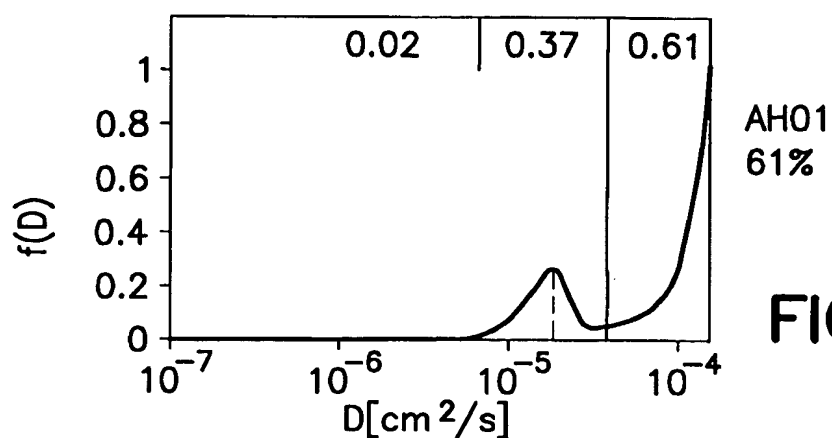




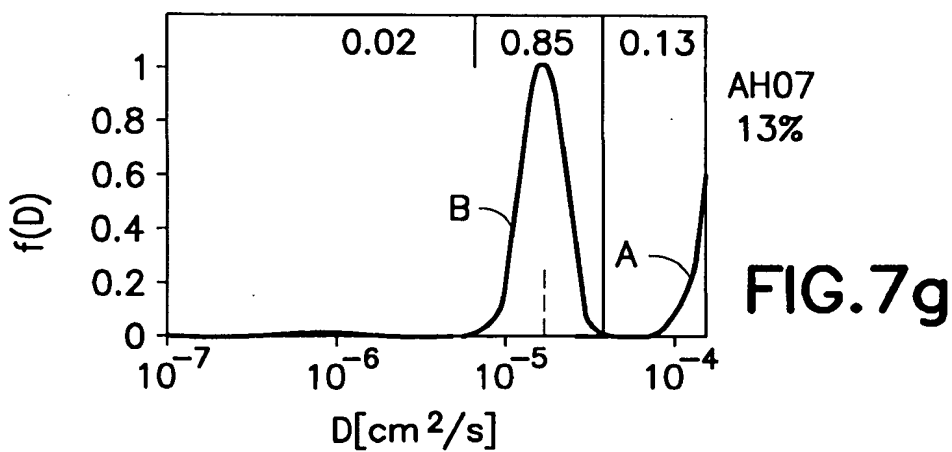
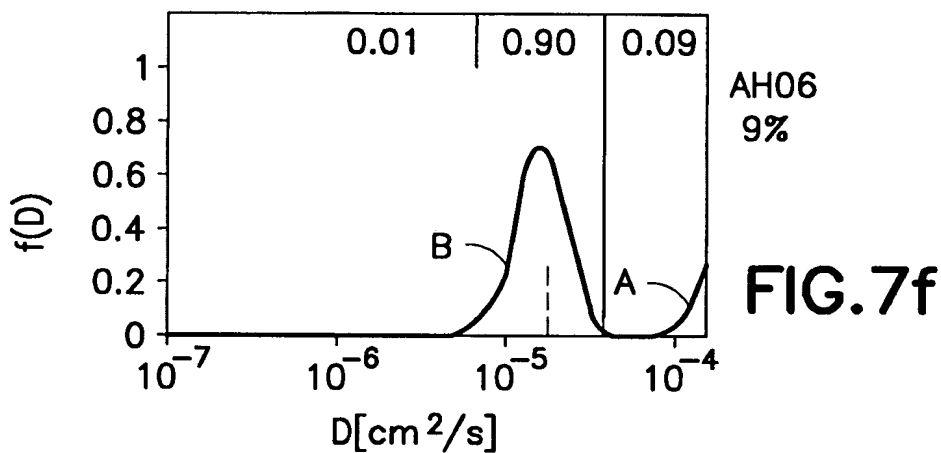
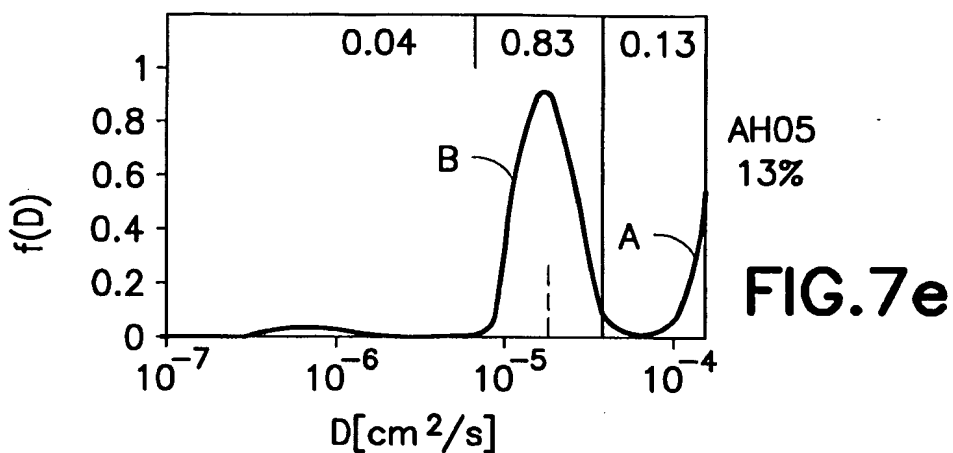




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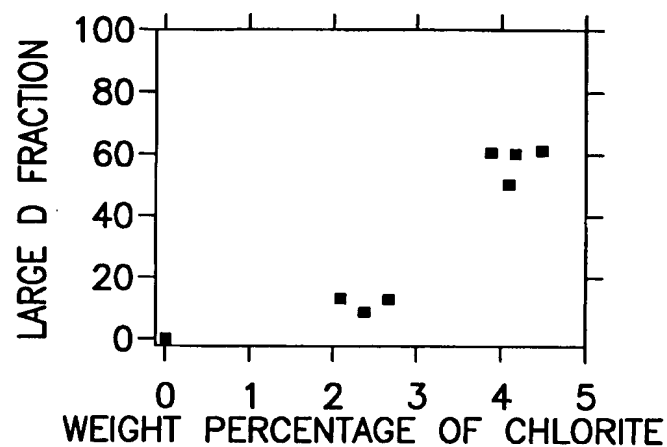


FIG.7h

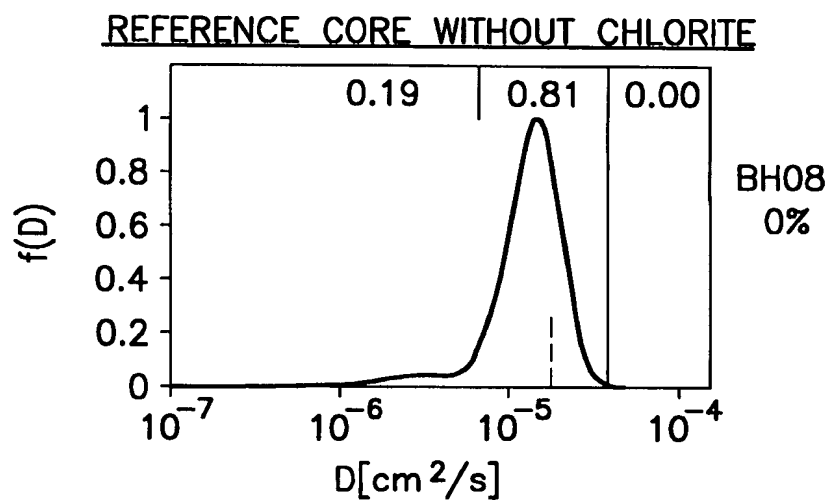
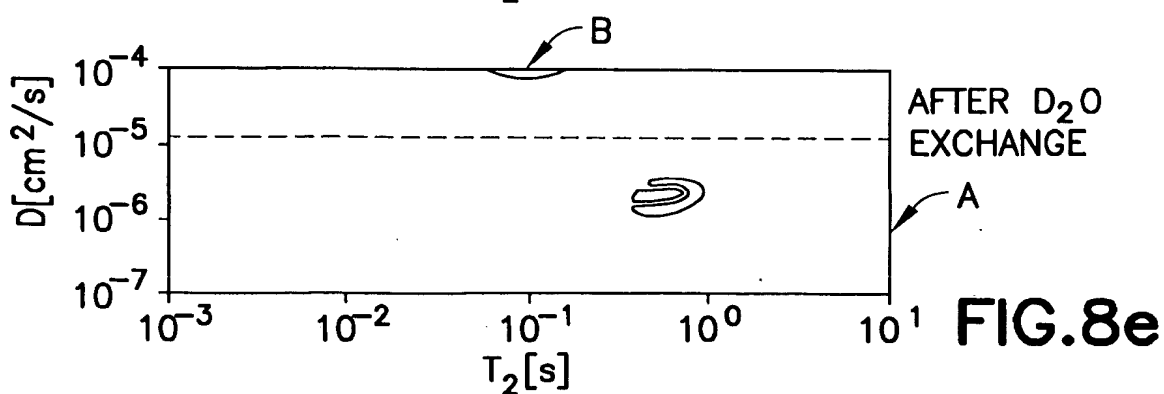
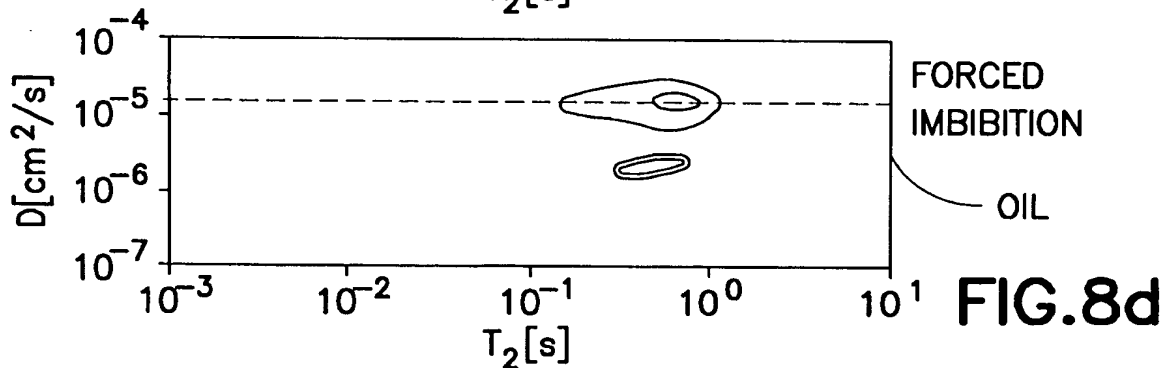
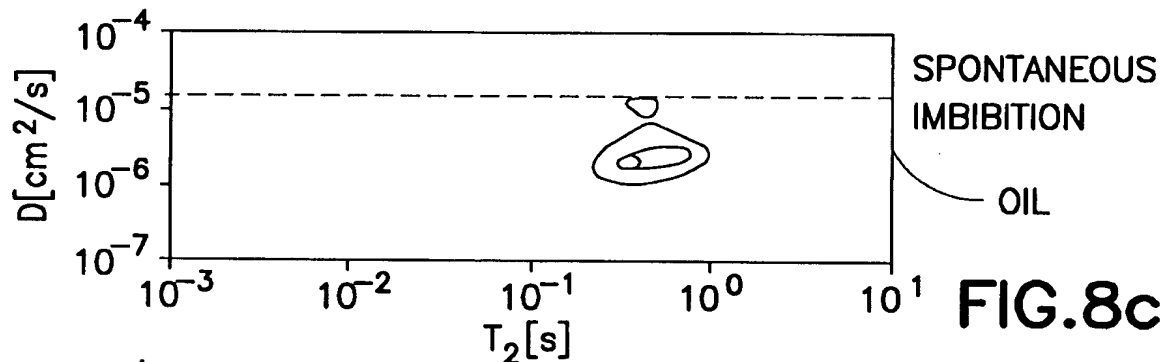
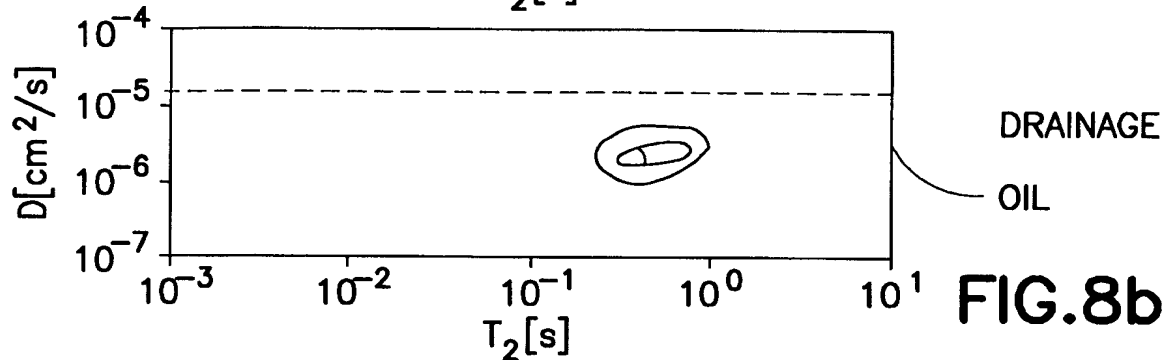
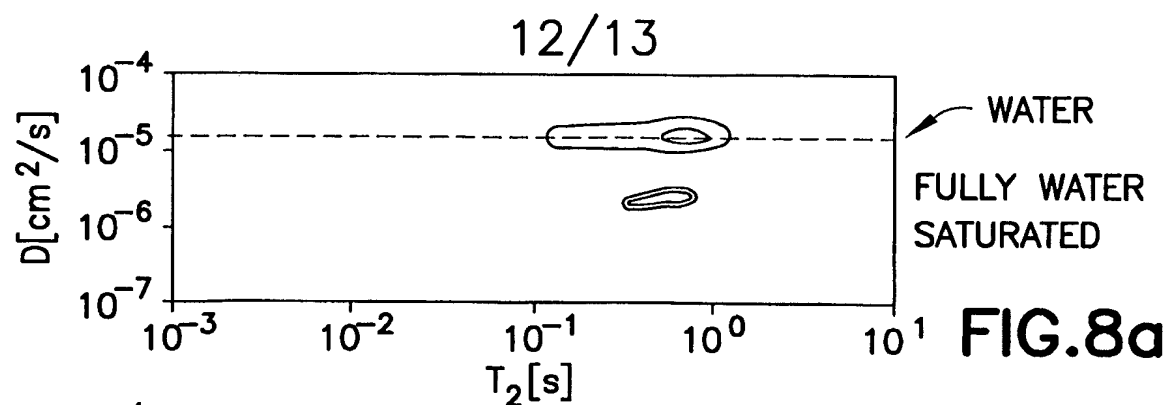
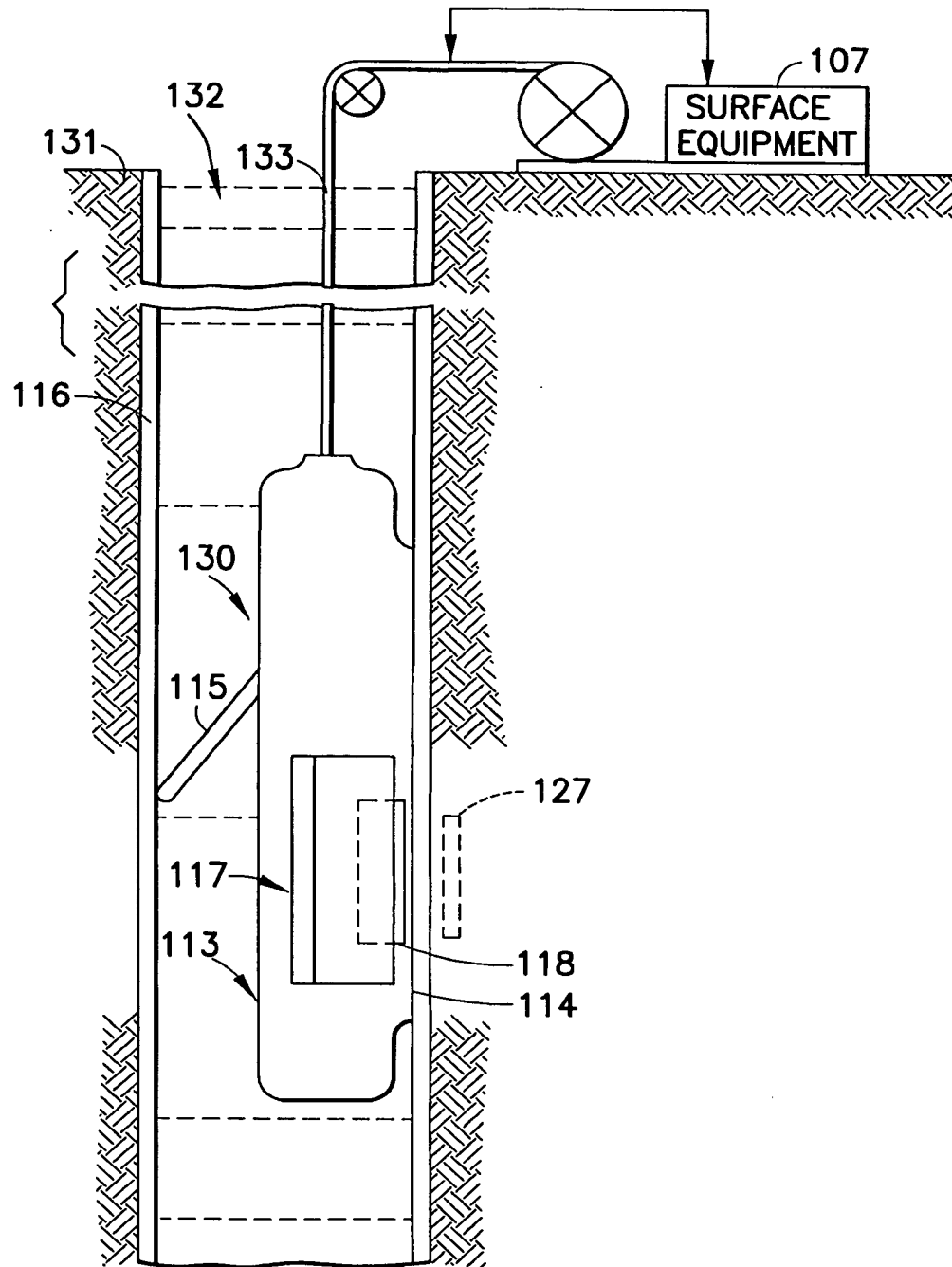


FIG.7i



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**FIG.9**  
PRIOR ART